

In the specification:

Please amend the title of the invention from “Method to detect male antifertility problems” to “Method to detect fertilization potential of sperm”.

Please amend page 1, line 15 of the specification to recite “FIELD OF THE INVENTION”.

Please amend page 2, line 7 of the specification to recite “SUMMARY OF THE INVENTION”.

Please amend page 3, line 12 of the specification to recite “EXAMPLES”.

Please amend page 7, line 4 of the specification to recite “DETAILED DESCRIPTION OF THE INVENTION”.

Please amend page 14, line 10 of the specification to recite “BRIEF DESCRIPTION OF THE FIGURES”.

Please replace the paragraph on page 12, line 23 of the specification with the following paragraph: “100 µg of the mitochondrial capsule material was dissolved in 400 µl of a solution containing of 7 M urea, 2 M thiourea, 4% CHAPS, 40 mM DTT, 20 mM Tris base and 0.5% IPG buffer (Pharmacia) and focused in an IPG-phor (Pharmacia) 2-D gel electrophoresis system at 20°C by stepwise increasing voltage up to 5000 V but not exceeding a current of 30 µA per IPG strip. The pH gradient was non-linear from 3-10 or linear from 3-10 or 6-11. The focused IPG strips were then equilibrated for SDS electrophoresis (10 min each) with a solution containing 60 mM DTT in 6 M urea, 30% glycerol, 0.05 M Tris-HCl buffer pH 8.8 and in the same buffer where DTT was substituted by 250 mM iodoacetamide. After SDS-electrophoresis (12% polyacrylamide) the gels were stained with Coomassie.”